



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### TBXAS1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006916-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human TBXAS1 full-length ORF (AAH14117, 1 a.a. - 466 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MELRKLYGPLCGYYLGRRMFIVISEPDMIKQVLVENFS  
NFTNRMASGLEFKSVADSVLFLRDKRWEEVRGALMS  
AFSPEKLNEMVPLISQACDLLLAHLKRYAESGDAFDIQ  
RCYCNYYTDDVVASVAFGTPVDSWQAPEDPFVKHCKR  
FFEFCIPRPILVLLLSFPSIMVPLARILPNKNRDELNGFF  
NKLIRNVIALRDQQAEEERRRDFLQMVLDARHSASPM  
GVQDFDIVRDVFSSTGCKPNPSRQHQPSPMARPLTV  
DEIVGQAFIFLIAGYEIITNTLSFATYLLATNPDCQEKLLR  
EVDVFKEKHMPEFCSLEEGLPYLDMVIAETLRMYPP  
AFRFTREAAQDCEVLGQRIPAGAVLEMAVGALHHDPE  
HWSPETFNPERFTAERQQRHPFTYLPFGAGPRSC  
LGVRLGLEVKLTLHLVHLKFRFQACPETQVPLQLESK  
SALGPKNGVYIKIVSR

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 77.00

**Interspecies Antigen Sequence:** Mouse (82); Rat (80)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 6916

**Gene Symbol:** TBXAS1

**Gene Alias:** CYP5, CYP5A1, GHOSAL, THAS, TS, TXAS, TXS

**Gene Summary:** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to thromboxane A2, a potent vasoconstrictor and inducer of platelet aggregation. The enzyme plays a role in several pathophysiological processes including hemostasis, cardiovascular disease, and stroke. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]